



PATENT  
Q201-US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Khalil Amine et al.

Serial No: 10/663,024

Filed: September 15, 2003

For: ELECTROLYTE FOR  
ELECTROCHEMICAL CELL

Art Unit: 1745

Examiner: N/A

**TRANSMITTAL OF  
INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sirs:

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents  
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April 7, 2004

Date of Deposit

Kathy Hinckley

Name

Signature

4/7/2004  
Date

1. ☒ The information disclosure statement submitted herewith is being filed within three months of the filing date of the application other than a continued prosecution application, or within three months of the date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under §1.114, whichever event occurs last. 37 C.F.R. §1.97(b).
2. ☐ The information disclosure statement transmitted herewith is being filed *after* the period specified in §1.97(b), but *before* the mailing date of a final action under §1.113, or a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, whichever occurs first. A statement specified in §1.97(e) or a fee set forth in §1.17(p) is included. 37 C.F.R. §1.97(c).

**§1.97(e) STATEMENT**

I, the person signing below, state:

- ☐ that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

OR

- ☐ that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2).

**OR FEE**

- ☐ Attached is a fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c). (\$180.00).
  - ☐ Please charge the fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c) (\$180.00) to Deposit Account No. 50-0921, referencing docket number \_\_\_\_\_. A copy of this petition is enclosed.
3. ☐ The information disclosure statement transmitted herewith is being filed *after* the period specified in §1.97(c), but before, or simultaneously with the payment of the issue fee. A statement specified in §1.97(e) and a fee set forth in §1.17(p) are included. 37 C.F.R. §1.97(d).

**§1.97(e) STATEMENT**

I, the person signing below, state:

- ☐ that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

**OR**

- ☐ that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2).

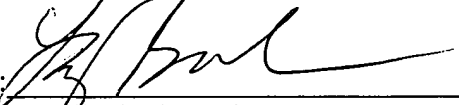
**AND FEE**

- ☐ Attached is a fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(d). (\$180.00).
  - ☐ Please charge the fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c) (\$180.00) to Deposit Account No. 50-0921, referencing docket number \_\_\_\_\_. A copy of this petition is enclosed.
4. The filing of an information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b) [37 C.F.R. § 1.97(h)]. Further, applicants make no admission that all references presented here are prior art in relation to the present application.
5. If it should be determined that for any reason either an insufficient fee or an excessive has been paid, please charge any insufficiency or credit any overpayment necessary to ensure consideration of the information disclosure statement for the above-identified application to Deposit Account No. 50-0921. **A copy of this petition is enclosed.**
6. A list of 171 reference(s) is in the enclosed Form PTO-1449.
- ☐ Pursuant to 37 C.F.R. § 1.98(d), a copy / copies of some of the listed reference(s) is / are not provided since it is / they are of record in parent application Serial No. \_\_\_\_\_ filed \_\_\_\_\_, the benefit of the filing date of which is claimed herein under 35 U.S.C. § 120.

**NON-ENGLISH LANGUAGE REFERENCES**

- ☐ Enclosed is a search report for a counterpart application. The search report Examiner has provided comments on the relevancy of any non-English language references cited in the search report.
- ☐ The specification incorporates comments on the relevancy of Non-English language references.
- ☐ Set forth below are comments provided by the applicant's home country counsel on the relevancy of non-English language references: N/A

Respectfully submitted,

By: 

M. Elizabeth Bush  
Registration No. 38,402  
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Date: April 7, 2004

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		<u>Complete if Known</u>			
		Application Number	10/663,024		
		Filing Date	September 15, 2003		
		First Named Inventor	Khalil Amine et al.		
		Art Unit	1745		
		Examiner Name	N/A		
Sheet	1	of	7	Attorney Docket number	Q201-US1

### US PATENT DOCUMENTS

Examiner Initials	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	Number - Kind Code		
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	US-2003/0180625 A1	09-25-2003	Oh et al.
	US-2003/0198869 A1	10-23-2003	West et al.

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Examiner Initials	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	English Abstract	Machine Translation	Entire Document
	Office	Number	Kind					
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	JP	11-302384	A2	11-02-1999	Kanegafuchi Chem	✓		
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	JP	11-306856	A2	11-05-1999	Kanegafuchi Chem	✓		✓
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	JP	2001-283913	A2	10-12-2001	Kyocera Corp	✓	✓	✓
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	WO	01/99209	A2	12-27-2001	Arizona Board of Regents			
	JP	2002-063936	A2	02-28-2002	Kanegafuchi Chem Ind. Co Ltd	✓	✓	✓
	EP	1 202 374	A1	05-02-2002	NGK Insulators, LTD			✓
	JP	2002-151150	A2	05-24-2002	Samsung SDI Co Ltd	✓	✓	✓

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	Office	Number	Kind					
	JP	2002 155142 ✓	A2	05-28-2002	Fuji Photo Film Co	✓	✓	✓
	JP	2002- 298913 ✓	A2	10-11-2002	Fuji Photo Film Co	✓	✓	✓
	JP	2002- 343440 ✓	A2	11-29-2002	Fuji Photo Film Co	✓	✓	✓
	JP	2003- 002974 ✓	A2	01-08-2003	Chisso Corp	✓	✓	✓
	WO	03/083971 ✓	A1	10-09-2003	Oh et al.			✓
	WO	03/083970 ✓	A1	10-09-2003	Oh et al.			✓
	WO	03/083972 ✓	A1	10-09-2003	Amine et al.			✓
	WO	03/090299 ✓	A1	10-30-2003	West et al.			✓
	WO	03/083973 ✓	A1	10-09-2003	West et al.			✓
	WO	03/083974 ✓	A1	10-09-2003	Yoon et al.			✓

### OTHER DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published
	M. ARMAND, New Electrode Material, Proceedings of the NATO Sponsored Advanced Study Institute on Fast Ion Transport in Solids, Solid State Batteries and Devices, 1972, Belgirate, Italy.
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Examiner Signature		Date Considered	
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### OTHER DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published
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	M. FURLANI et al., Time Resolved Luminescence and Vibrational Spectroscopic Studies on Complexes of Poly(Ethylene Oxide) Oligomers and Eu(TFSI) <sub>3</sub> Salt, 11 <sup>th</sup> International Conference on Solid State Ionics, 1997, 10 pages.		
	J. GNANARAJ et al., Studies on Comb-like Polymer Blend with Poly(Ethylene Oxide) – Lithium Perchlorate Salt Complex Electrolyte, Polymer, 1997, 3709-3712, 38(14).		
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Examiner Signature		Date Considered	

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<u>Complete if Known</u>	
				Application Number	10/663,024
				Filing Date	September 15, 2003
				First Named Inventor	Khalil Amine et al.
				Art Unit	1745
				Examiner Name	N/A
Sheet	7	of	7	Attorney Docket number	Q201-US1

### OTHER DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published
	B. OH et al., New Interpenetrating Electrolyte Network-Type Siloxane Polymer Electrolyte, Electrochemical and Solid State Letters, 2002, E59-E61, 5(11), The Electrochemical Society, Inc., September 11, 2002.
	International Search Report, dated 05-01-2003, received in relation to Application No. PCT/US03/02127.
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	International Search Report, dated 09-12-2003, received in relation to Application No. PCT/US03/08784.
	International Search Report, dated 10-09-2003, received in relation to Application No. PCT/US03/08779.
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Examiner Signature		Date Considered	
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